

IN THE CLAIMS

Please cancel claims 17, and 25-29, and amend claims 1, 2, 6, 11, 16, and 20 as indicated.

1. (Currently Amended) A liquid handling system comprising:
- a container having an interior for holding a liquid;
- a storage means coupled to a portion of said container and for storing information relating to the liquid; and
- a connector for physically coupling to the portion and having a communication means ~~and a controller means, the communication means~~ for obtaining information from the storage means, said connector to allow access to the liquid for processing thereof ~~the controller means coupled to said communication means and for controlling processing of the liquid~~ based on the information.
2. (Currently Amended) The liquid handling system of claim 1, further comprising a wherein the controller means coupled to said connector for directing of the processing, said controller means including ~~includes~~ a user-interface capable of receiving input from a user.
3. (Original) The liquid handling system of claim 2, wherein the controller means further controls processing the liquid based on input received by the user-interface from the user.

4. (Previously Amended) The liquid handling system of claim 3, wherein the controller means further controls processing the liquid by comparing the input received by the user-interface from the user to information read from the storage means.

5. (Original) The liquid handling system of claim 2, wherein the user-interface comprises a touch screen capable of receiving input from the user and displaying information about the liquid contained in the container.

6. (Currently Amended) The liquid handling system of claim 1, wherein the portion includes a cap for controlling sealing of the liquid in said container, said connector further comprising: a cap for coupling with the container such that the liquid is sealed in the container; and a connector for coupling with the cap for dispensing the liquid from the container through the connector.

7. (Original) The liquid handling system of claim 6, wherein the storage means is mounted on the cap and the communication means is mounted on the connector.

8. (Original) The liquid handling system of claim 6, wherein the storage means is mounted on the connector and the communication means is mounted on the cap.

9. (Original) The liquid handling system of claim 1, wherein the communication means is a radio frequency (RF) antenna and the storage means is a passive radio frequency identification (RFID) tag.

10. (Original) The liquid handling system of claim 9, wherein the RFID tag comprises a passive RF transponder and an electrically erasable programmable read-only memory (EEPROM).

11. (Currently Amended) A liquid handling system comprising:
a container having an opening for holding a liquid;
a cap having a radio frequency identification (RFID) tag mounted thereon and for coupling with the opening for sealing the liquid in the container;
a connector having a radio frequency (RF) antenna mounted thereon for reading information from the RFID tag and for physically coupling with the cap for dispensing the liquid from the container through the connector; and
a controller coupled with the RF antenna for processing the liquid based on the information.

12. (Previously Amended) The liquid handling system of claim 11, the connector further comprising:
a connector head; and
a probe extending from the connector head and insertable through a center

of the cap and into the opening, the probe having a flow passage therein for coupling said connector to said cap.

13. (Original) The liquid handling system of claim 12, wherein a pump is coupled with the probe and with the flow passage for pumping liquid through the probe and the flow passage.

14. (Original) The liquid handling system of claim 11, wherein the RFID tag comprises a passive RF transponder and an electrically erasable programmable read-only memory (EEPROM).

15. (Original) The liquid handling system of claim 14, wherein the EEPROM stores information about the liquid contained in the container.

16. (Currently Amended) A method of handling liquids comprising:
providing a container for holding a liquid;
coupling a storage device to a portion of the container;
storing information about the liquid on the storage device;
reading the information from the storage device; and
controlling processing of the liquid with a controller based on the information, said reading to occur during said controlling, said reading and said controlling to occur through a single connector physically coupled to the portion of the container.

17. (Currently Cancelled) The method of claim 16, further comprising:
coupling a cap to the container such that the liquid is sealed in the
container;
coupling a connector to the cap such that the liquid can be dispensed from
the container through the connector; and
mounting an antenna to the connector.
18. (Original) The method of claim 16, wherein the electronic storage
device is a RFID tag comprising a passive RF transponder and an electrically erasable
programmable read-only memory (EEPROM).
19. (Original) The method of claim 18, wherein the EEPROM stores
information relating to the liquid contained in the container.
20. (Currently Amended) A material identification system comprising:
identification means coupled to a portion of a container for storing
information relating to a material at an interior of a the container;
communication means for reading the information from the identification
means; and
controller means coupled to the communication means at a connector for
physically coupling ~~coupled~~ to the container at the portion and for regulating processing
of the material based on the information ; ~~the information stored at the identification~~
~~means.~~

21. (Previously Amended) The material identification system of claim 20, wherein the controller means includes a user-interface capable of receiving input from a user.

22. (Previously Added) The material identification system of claim 21, wherein the controller means further regulates processing of the material based on input received by the user-interface from the user.

23. (Previously Added) The material identification system of claim 22, wherein the controller means further regulates processing the material by comparing the input received by the user-interface from the user to information read from the identification means to determine whether the material should be processed.

24. (Previously Added) The material identification system of claim 21, wherein the user-interface comprises a touch screen capable of receiving input from the user and displaying information about the material.

25. (Currently Cancelled) A material identification system comprising:
an identification tag for storing information relating to a material at an interior of a container;
an antenna for simultaneously reading the information from the identification tag and storing the information to the identification tag; and
a controller coupled with the antenna at a connector coupled to the

container to regulate processing of the material through the connector based on the information.

26. (Currently Canceled) The material identification system of claim 25, wherein the controller comprises a user-interface capable of receiving input from a user.

27. (Currently Canceled) The material identification system of claim 26, wherein the user-interface includes a touch screen capable of receiving input from the user and displaying information about the product.

28. (Currently Canceled) The material identification system of claim 25, wherein the identification tag comprises a passive transponder and an electrically erasable programmable read-only memory (EEPROM).

29. (Currently Canceled) The material identification system of claim 28, wherein the EEPROM stores information about the material.

30. (Previously Added) The liquid handling system of claim 1 wherein said communication means is further for directing information to the storage means.

31. (Previously Added) The liquid handling system of claim 11, wherein said radio frequency (RF) antenna is further for directing information to the RFID tag.